

**AMENDMENT AND RESPONSE****PAGE 2**

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Title: DYNAMIC DISTORTION CONTROL

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**Amendments to the Specification:**

Replace paragraphs [0021] with the following paragraph:

[0021] To provide this compensation, transmitter 100 includes pre-distorter 106. In one embodiment, pre-distorter 106 is constructed according to the teachings of the ~~1,739,094~~ 99/479,298 application. In other embodiments, pre-distorter 106 is constructed using more conventional pre-distorter circuits incorporating magnetic phase inversion circuits. Pre-distorter 106 is coupled between signal path 104 and modulator 114. Pre-distorter 106 adds distortion to the RF signals from signal path 104 in order to compensate for the distortion introduced by modulator 114.